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STEAM On Tour is an engaging exploration of art masterpieces that connects great art to science, technology, engineering and mathematics (STEM).

Your On Tour Gallery has 24 of the greatest works of art. Each impressive print is custom-framed, high quality, and ready for display in your school.

The On Tour Guidebook devotes two pages to each work of art. The first page introduces the artwork and reveals significant events and influences in the artist's life. STEAM activities make up the second page. The questions here encourage inquiry, interpretation, analysis and further investigation.

Painting # 2
The Louvre, Paris, France

Title: **Mona Lisa (My Lady Lisa in English)**

Artist: **Leonardo da Vinci**
(Republic of Florence) Present Day Italy

Date of Painting: **1503 – 1506**
(Style, Renaissance)

This is the most famous painting in the world. It is displayed in the most visited art museum in the world, the Louvre.

Leonardo da Vinci was a painter, sculptor, scientist, architect, musician, engineer, astronomer, writer, paleontologist, and historian. He was considered a genius, linked to the inventions of the parachute, helicopter, and tank.

1. Leonardo da Vinci was one of the first persons to be called a Renaissance Man. Tell in your own words the meaning of the term Renaissance Man.
2. Leonardo often used an odd cursive writing style called mirror image cursive. He wrote many of his journals from right to left. Why do you think he did this? Discuss with a partner for 2 minutes. Check your guess and try the simulator <https://www.mos.org/leonardo/activities/mirror-writing>
3. Leonardo was asked to design and engineer defensive war machines to protect the city of Venice, Italy from military attacks. One machine he created used mirrors to concentrate radiant energy. Find two photos of modern day examples of this type of technology.
4. Leonardo is credited with inventing the parachute. How do you think he came up with this work?



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